

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Previously Presented) A process for the production of hydrocarbons by the Fischer-Tropsch reaction comprising
 - a. subjecting a mixture of a gaseous desulphurised hydrocarbon feedstock and steam to steam reforming by:
 - i. passing the mixture over a catalyst disposed in heated tubes in a heat exchange reformer,
 - ii. subjecting the resultant primary reformed gas to secondary reforming by partially combusting the primary reformed gas with oxygen provided by an oxygen-rich gas comprising >90% oxygen and bringing the resultant partially combusted gas towards equilibrium over a secondary reforming catalyst, and
 - iii. using the resultant secondary reformed gas to heat the tubes of the heat exchange reformer, thereby producing a partially cooled reformed gas,
 - b. further cooling the partially cooled reformed gas to below the dew point of the steam therein to condense water and separating condensed water to give a de-watered synthesis gas,
 - c. passing said de-watered synthesis gas through a hydrocarbon synthesis reaction to form a reaction products stream,
 - d. separating at least a part of said reaction products stream into a hydrocarbons product stream and a tail gas stream,
 - e. combusting at least a part of said tail gas to produce a combustion gas, and
 - f. using said combustion gas to drive a turbine, thereby to produce power from said turbine.

2. (Original) A process as claimed in claim 1, wherein said oxygen rich gas is provided by an air separation unit and wherein nitrogen generated by said air separation unit is fed to said turbine.
3. (Previously Presented) A process as claimed in claim 1, wherein said turbine is a part of an integrated gas turbine apparatus comprising an air compressor for supplying compressed air for use in said gas turbine apparatus, a combustion chamber and said turbine.
4. (Currently Amended) A process as claimed in claim 3, wherein a portion of the compressed air is supplied to ~~said~~ an air separation unit.
5. (Previously Presented) A process as claimed in claim 1 wherein the exhaust gases from the gas turbine are passed through a heat exchanger to recover heat for use in the process.
6. - 9. (Canceled)